AMENDMENTS TO THE CLAIMS

1 to 49. (Canceled)

50. (Currently Amended) A process for reducing water permeability more than the oil permeability in a subterranean reservoir ~~wherein~~ which consists essentially of injecting an emulsion of an aqueous gelant in oil ~~is injected~~ into a reservoir and wherein said gelant comprises one or several cross-linking agents.

51. (Previously Presented) The process according to claim 50, wherein the gelant concentration in the emulsion is up to 50 volume%.

52. (Previously Presented) The process according to claim 51, wherein the gelant concentration in the emulsion is above 5 volume%.

53. (Previously Presented) The process according to claim 50, wherein the gelant comprises water soluble polymers.

54. (Previously Presented) The process according to claim 53, wherein the water soluble polymer is a polyacrylamide, polyacrylate copolymer or biopolymer.

55. (Previously Presented) The process according to claim 50, wherein the polymer concentration in the gelant is sufficient to give a stable gel after cross-linking.

56. (Previously Presented) The process according to claim 55, wherein the polymer concentration in the gelant is from 1,000 to 50,000 ppm.

57. (Previously Presented) The process according to claim 56, wherein the concentration of the gelant is from 2,000 to 10,000 ppm.

58. (Canceled)

59. (Currently Amended) The process according to claim ~~58~~50, wherein the cross-linking agent is hexamethylenetetramine and/or salicyl alcohol, and/or trivalent metal ions.

60. (Previously Presented) The process according to claim 59, wherein the trivalent metal ion is chromium or aluminum.

61. (Currently Amended) The process according to claim ~~58~~50 wherein one or several cross-linking agents are present in the range of from 50 to 5,000 ppm.

62. (Previously Presented) The process according to claim 61, wherein one or several cross-linking agents are present in the range of from 100 to 1,000 ppm.

63. (Previously Presented) The process according to claim 50, wherein the emulsion is stabilized by a surfactant.

64. (Previously Presented) The process according to claim 63, wherein the surfactant is an oil soluble surfactant.

65. (Previously Presented) The process according to claim 63, wherein the surfactant is present in a concentration range of from 0.05 to 10%.

66. (Previously Presented) The process according to claim 65, wherein the surfactant is present concentration range is from 0.1 to 2%.

67. (Previously Presented) The process according to claim 50, wherein the emulsion breaks in 1 to 15 hours at a temperature 50 to 130°C.

68. (Previously Presented) The process according to claim 67, wherein a gel is formed after the emulsion breaks.